Data Sheet for Infiniti Vision System

Justomer	Service Request No					
Model	S/N		Date Serviced			
OTE:	Throughout this checklist, fill in the requested data or indicate completed. Explain N/A's in notes section of this document.					
ŧ	Equipment	Calibration Number	Calibration Due Date			
Test Equipment						
st						
Fg .						
Check on	e of the following: Preventative Maintenance or (complete section 2.1, then p	raceed to 2.2)	Service Call/Installation/Upgrade (start at section 2.2)			
		ATIVE MAINTENANCE CHEC				
244 🗆						
10 m	Inspect and clean front panel touchscreen. Verify Front Panel Display movement		2.1.8 Check Fluidic Module Hub Rollers			
	Inspect and clean internal console	2.1.9 ☐ System Cooling 2.1.10 ☐ IV Pole test				
	Check ground resistance	2.1.11 CPC Connector				
	Inspect system hardware	2.1.12 Inspect Pneumatic Air and Moisture Filters				
	Visually inspect all cables, connectors, PCB's, etc		2.1.13 ☐ Replace system covers			
	Check and tighten casters.		2.1.14 Video Output Test (see step 2.2.13)			
2.2.1, FR	ONT PANELTEST	VICE FUNCTIONAL TEST				
2,2,1,1 DI 2,2,1,1 2,2,1,2 TO 2,2,1,2	ISPLAY 1.2 Verify display shows Setup screen. DUCH SCREEN/TONE/VOICE 2.3 Verify Touch Screen step changes.	2.2.1.4 MULTIMED 2.2.1.4.1 ☐ Fror 2.2.1.4.2 ☐ Dele 2.2.1.4.3 ☐ Res	n System to Data Card ete Data from System tore from Data Card to System			
2.2.1.1 DI 2.2.1.1 2.2.1.2 TO 2.2.1.2 2.2.1.2 2.2.1.3. C	ISPLAY 1.2 Verify display shows Setup screen. DUCH SCREEN/TONE/VOICE	2.2.1.4 MULTIMED 2.2.1.4.1 Fror 2.2.1.4.2 Dele 2.2.1.4.3 Res 2.2.1.4.4 Dele	n System to Data Card ete Data from System			
2.2.1.1 DI 2.2.1.2 TO 2.2.1.2 2.2.1.2 2.2.1.3 C 2.2.1.3 C 2.2.1.3	ISPLAY 1.2 Verify display shows Setup screen. DUCH SCREEN/TONE/VOICE 2.3 Verify Touch Screen step changes. 2.4 Verify tone/voice responses. CONTROL BUTTONS	2.2.1.4 MULTIMED 2.2.1.4.1	n System to Data Card ste Data from System tore from Data Card to System ste Data from Card			
2.2.1.1 DI 2.2.1.2 TO 2.2.1.2 TO 2.2.1.2 2.2.1.3 C 2.2.1.3 C 2.2.1.3 C	ISPLAY 1.2 Verify display shows Setup screen. DUCH SCREEN/TONE/VOICE 2.3 Verify Touch Screen step changes. 2.4 Verify tone/voice responses. CONTROL BUTTONS 3.2 Verify Adjust button	2.2.1.4 MULTIMED 2.2.1.4.1	n System to Data Card ete Data from System tore from Data Card to System ete Data from Card ete Data from System			
2.2.1.1 DI 2.2.1.2 TO 2.2.1.2 TO 2.2.1.3 C 2.2.1.3 C 2.2.1.3 C 2.2.1.3 C 2.2.1.3 C	ISPLAY 1.2 Verify display shows Setup screen. OUCH SCREEN/TONE/VOICE 2.3 Verify Touch Screen step changes. 2.4 Verify tone/voice responses. CONTROL BUTTONS 3.2 Verify Adjust button MOTE CONTROL TEST 2.2.2.3 Verify system change	2.2.1.4 MULTIMED 2.2.1.4.1	n System to Data Card ete Data from System tore from Data Card to System ete Data from Card ete Data from System			
2.2.1.1 DI 2.2.1.1 TO 2.2.1.2 TO 2.2.1.2 C 2.2.1.3 C 2.2.1.3 C 2.2.1.3 C 2.2.1.3 FLU 2.2.3.5 FLU 2.2.3.1 FN 2.2.3.1 FN	ISPLAY 1.2	2.2.1.4 MULTIMED 2.2.1.4.1	n System to Data Card ste Data from System tore from Data Card to System ste Data from Card ste Data from System I potswitch icon indicates position 0. e change from position 0 to 1 and to 2.			
2.2.1.1 DI 2.2.1.1 TO 2.2.1.2 TO 2.2.1.2 C 2.2.1.3 C 2.2.1.3 C 2.2.1.3 C 2.2.1.3 FLU 2.2.3.FLU 2.2.3.1 FF 2.2.3.1 FF	ISPLAY 1.2	2.2.1.4 MULTIMED 2.2.1.4.1	n System to Data Card ste Data from System tore from Data Card to System ste Data from Card ste Data from System I pootswitch icon indicates position 0. e change from position 0 to 1 and to 2. ower increases from 0-100% as pedal depressed			
2.2.1.1 DI 2.2.1.2 TO 2.2.1.2 C 2.2.1.3 C 2.2.1.3 C 2.2.1.3 C 2.2.1.3 FLU 2.2.3 FLU 2.2.3 FLU 2.2.3 FLU 2.2.3 AS	ISPLAY 1.2	2.2.1.4 MULTIMED 2.2.1.4.1	n System to Data Card ste Data from System tore from Data Card to System ste Data from Card ste Data from System I pootswitch icon indicates position 0. e change from position 0 to 1 and to 2. ower increases from 0-100% as pedal depressed rmittent response: COAG Power or FTSW icon.			
2.2.1.1 DI 2.2.1.2 TO 2.2.1.2 TO 2.2.1.3 C 2.2.1.3 C 2.2.1.3 C 2.2.1.3 FLU 2.2.3.FLU 2.2.3.1 FF 2.2.3.1 FL 2.2.3.2 AS 2.2.3.2 AS	ISPLAY 1.2	2.2.1.4 MULTIMED 2.2.1.4.1	In System to Data Card see Data from System tore from Data Card to System see Data from Card see Data from System I Dootswitch icon indicates position 0. se change from position 0 to 1 and to 2. sower increases from 0-100% as pedal depressed rmittent response: COAG Power or FTSW icon. sootswitch detects vibration.			
2.2.1.1 DI 2.2.1.2 TO 2.2.1.2 C 2.2.1.3 C 2.2.1.3 C 2.2.1.3 C 2.2.1.3 FLU 2.2.3.5 FLU 2.2.3.1 FR 2.2.3.2 AS 2.2.3.2 AS 2.2.3.2 AS 2.2.3.3 IR	ISPLAY 1.2	2.2.1.4 MULTIMED 2.2.1.4.1	n System to Data Card ste Data from System tore from Data Card to System ste Data from Card ste Data from System I cootswitch icon indicates position 0. e change from position 0 to 1 and to 2. cower increases from 0-100% as pedal depressed rmittent response: COAG Power or FTSW icon.			

DPM	Irrigation Specification	Reading on Display	Aspiration Specification	Reading on Display
+100 ± 1 mmHg	+135 ± 14 cmH2O	+ cmH2O	+100 ± 10 mmHg	+ mmHg
+50 ± 1 mmHg	+68 ± 7 cmH2O	+ cmH2O	+50 ± 10 mmHg	+ mmHg
0 ± 1 mmHg	0 ± 7 cmH2O	cmH2O	0 ± 10 mmHg	mmHg
-60 ± 1 mmHg	0 ± 7 cmH2O	cmH2O	-60 ± 10 mmHg	- mmHg
-200 ± 1 mmHg	0 ± 7cmH2O	cmH2O	-200 ± 20 mmHg	- mmHg
-400 ± 1 mmHg	0 ± 7cmH2O	cmH2O	-400 ± 40 mmHg	- mmHg
-600 ± 1 mmHg	0 ± 7cmH2O	cmH2O	-600 ± 60 mmHg	- mmHg

Parent Document: ITCSOP-000637

2.2.5.2. FMS PRIME - WET TEST

2.2.5.2.4. Verify PRIME completes

Supercedes: S0637-01

Data Sheet for Infiniti Vision System

2.2.5.3. OCCLUSION TEST 2.2.5.3.1 Measurements:

VACUUM LIMIT	ASPIRATE RATE	SPECIFICATION	Reading on Display	
6	12	0 to -16 mmHg		mmHg
26	15	-16 to -36 mmHg	-	mmHg
65	25	-55 to -75 mmHg	-	mmHg
400	40	-360 to -440 mmHg	-	mmHg
600	60	-540 to -660 mmHg		mmHg

2.2.5.4 RESIDUAL PRESSURE	2.2.5.5 ASPIRATION FLOW RATE - Indicate test method used to verify flow rates:
2.2.5.4.3 ☐ Three readings ≤ 15mmHg at 100mmHg	☐ FLOWMETER or ☐ BEAKER
2.2.5.4.4 ☐ Three readings ≤ 15mmHg at 400mmHg	2.2.5.5.1 (<u>cc/min</u>) FLOW RATE at 35cc/min (30-40cc/min)
2.2.5.4.5 ☐ Three readings ≤ 15mmHg at 600mmHg	2.2.5.5.2 (cc/min) FLOW RATE at 25cc/min (21-29cc/min)
2.2.6. PNEUMATICS TEST	2.2.7. CAUTERY TEST
2.2.6.1 Method: DPM III/Scopemeter N/A	2.2.7.1 (ohms) Cautery Test Load (75.0 ± 4.0 ohms)
2.2.6.1.4 (mVp) ≥+231.84 mV at 50cpm	2.2.7.4 (MHz) Coag frequency (from 1.43 to 1.67 MHz)
2.2.6.1.5 ≥+231.84mV for each cut rate 100-800	2.2.7.5 (VRMS) Coag voltage at 100% (24.4 to 30.4 VRMS)
2.2.6.2 Method: Probe Drive Test Box/Scopemeter N/A	2.2.7.6 (VRMS) Coag voltage at 50% actual (17.4 to 21.4 VRMS)
2 2 6 2 5 Peak output > 23psi (1.15Vpp or 2.3 div)	2.2.7.7 (VRMS) Coag voltage at 25% actual (12.2 to 15.2 VRMS)
222 BUACO AND NEOCOMY DRIVE TEST	2222 NEOCOMY DRIVE TECT
2.2.8 PHACO AND NEOSONIX DRIVE TEST 2.2.8.1 NeoSonix Load Box Verification.	2.2.8.3. NEOSONIX DRIVE TEST 2.2.8.3.5.1. (VRMS) 1.785 to 3.775 VRMS
ble to se Ne Sonix A adbox, go to Step 2.2.9	
	2.2.8.3.5.2. % 57% to 67 pof Duty Cycle 2.2.9 CUST M. R. HA IDPIL CE C. Et al. (perform these tests if customer will
2.2.8.1.1 (<u>Kohns</u>) C nnec of pt. 9 and GND (2.37-2.62 kΩ)	provide the se a the han piece for unable to use Loadbox Check here if
2.2.8.1.2 (handringes at a Valle [1]
2.2.8.1.3 (old) (OTO OUTPU and MOTOR 1 (9.5-10.5	2.2.9.1 The storme manufactor of property per procedure
2.2.8.1.4 (ohms) MOTOR OUTPUT and MOTOR 2 (9.5-10.5	Record Customer Handpiece Serial Number(s) (Any additional Handpiece put in
2.2.8.2 PHACO DRIVE TEST	Notes Field): (T= Torsional/P=Phaco/N=NeoSonix):
2.2.8.2.5.1 (<u>VRMS</u>) 4.62 to 6.93 VRMS	$(S/N \qquad T \square P \square N \square)$
2 2 8 2 5 2 (<u>kHz</u>) 33.5 to 37.5kHz	$(S/N \qquad T \square P \square N \square)$
2.2.10 AQUALASE™ DRIVE AND PNEUMATIC TEST	2.2.11 CUSTOMER™ AQUALASE™ HANDPIECE CHECK
2.2.10.1.1 Aqualase™ Load Box Verification. (ohms)	(perform these tests if customer will provide the use of their handpieces or unable to
-(23.0-27-ΩΩ)	use Loadbox Check here if handpieces not available (
Unable to se Ad alase Load 133, go to Step 2.2.11	Record Customer Handpiece Serial Number(s) (Any additional Handpiece put in Notes
2.2.10.1.4 ☐ rify etup cree state "Aqualase™ Test Tuned"	Field): (S/N
2.2.10.2. A QUAL S TM V DAD AGE	
2.2.10.2.6 In Machite de Linear, Lim. 100, Pulse, 50pps and	2.2.11.2 AQUAL S. (H. IDP) CET NI. 5
Burst Linear, Limit 100, press F/S to pos. 3: verify:	2.2.11.2.2 Very HA of sestune played on LCD Display
 MAGNITUDE varies 0 to 100, PULSE displays 50pps, 	2.2.11.3 AQUAL SETM N ID JECT USAGE
BURST varies 0 to 100	2.2.11.3.4 In Magnitude Linear, Limit 100, Pulse, 50pps and Burst Linear, Limit
2.2.10.2.7 ScopeMeter above 280vpp, DPM reading above 5psi	100, press F/S to pos. 3; verify:
	MAGNITUDE varies 0 to 100, PULSE displays 50pps, BURST varies 0 to 100, Aqualase H/P buzzing sound, Pneumatic Pump occasionally on
	2.2.11.3.8 In Magnitude Fixed, Limit 100, Pulse displays 50pps and Burst Fixed,
	Limit 100, press F/S to pos. 3; verify:
	MAGNITUDE indicates 100, PULSE displays 50pps, BURST displays 100,
	Aqualase H/P buzzing sound, Pump occasionally on
2.2.12. BATTERY BACKUP TEST	2.2.13. VIDEO OUTPUT TEST
2.2.12.2 System closes Windows® and shuts down between	Note: Installation or PM only, otherwise, N/A
5 sec. and 1 minute	2.2.13.11 Typed characters appear on display when Interface PCB and jumper are
	connected
	2.2.15 HISTORY LOG ENTRY
	2.2.15.1 Entries on log sheet
Test Performed By (PRINT)	Date
Notes:	